

Appl. No.10/656,460
Amdt. Dated 4/12/2005
Reply to Office Action of 1/12/2005

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently amended) A remote sensor device comprising:
a sensor module adapted to sense one or more event types, said sensor module employs at least one of the group consisting of IR, acoustic, radar, electro-static, and seismic sensing capability;
a storage module adapted to store a voice message including a deployment location description of the device wherein the device is deployed by an operator, and the voice message further includes the operator's name; and
a transmitter adapted to wirelessly transmit the voice message in response to the sensor being triggered.
2. (Canceled)
3. (Original) The device of claim 1 further comprising:
a processor operatively coupled to the transmitter and the storage module, and adapted to control operation of the device.
4. (Original) The device of claim 3 wherein the processor can command the transmitter to transmit in analog and digital.
5. (Original) The device of claim 3 wherein the processor is further adapted to carry out a power conservation mode where one or more power consuming components of the device are commanded to a sleep or low power mode during periods of inactivity.
6. (Original) The device of claim 3 further comprising:
a microphone operatively coupled to an amplifier thereby enabling the voice message to be captured and converted into an electronic signal; and

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a switch operatively coupled to the processor, and adapted to enable a voice message recording session.

7. (Original) The device of claim 1 further comprising:
a microphone operatively coupled to an amplifier thereby enabling real-time ambient sound to be captured and converted into an electronic signal;
wherein the transmitter is further adapted to wirelessly transmit the electronic signal.

8. (Original) The device of claim 1 further comprising:
a digitizer adapted to receive a captured voice message and to convert it to a digital signal for storage in the storage module.

9. (Original) The device of claim 1 further comprising:
a processor that is adapted to determine a confidence level associated with a sensor signal provided by the sensor module.

10. (Original) The device of claim 9 wherein the sensor signal is compared to pre-defined reference to determine its confidence level.

11. (Original) The device of claim 9 wherein in response to the sensor signal having an acceptable confidence level, the processor is further adapted to command transmission of the stored voice message in at least one of analog or digital using the transmitter.

12. (Original) The device of claim 9 wherein the processor is further adapted to command transmission of a pre-stored message indicative of the confidence level.

13. (Canceled)

14. (Currently Amended) A method for remotely sensing an event, the method comprising:

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in response to no sensor being triggered, continuing monitoring for at least a set period of time;
and

in response to determining that a sensor has been triggered, transmitting a recorded message
including a verbal description of the sensor location, and including an operator's name that
deployed said sensor.

15. (Original) The method of claim 14 wherein the method includes a set-up mode comprising:
receiving an activation signal to initiate the set-up mode;
enabling a voice message recording session; and
recording the message including the verbal description of the sensor location.

16. (Canceled)

17. (Original) The method of claim 14 wherein in response to the sensor triggering, the sensor
outputs a sensor signal, the method further comprising:
transmitting one or more pre-recorded messages indicative of a confidence level associated with
the sensor signal.

18. (Original) The method of claim 14 further comprising:
transmitting real-time sound from the area for a period of time relative to a sensed event.

19. (Currently Amended) A method for remotely sensing an event with a sensor configured
with a voice locator message, the method comprising:
identifying a location to be monitored;
deploying at least one sensor in said location by at least one operator;
enabling a sensor voice recording session; and
announcing at least one of an operator name and a sensor location, thereby creating a recorded
voice message for transmission when the sensor triggers; and
responding to said event by said operator located in said location.

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20. (Original) The method of claim 19 wherein a number of sensors are deployed in an area, and each sensor transmits on a common channel, the method further comprising:
tuning a remote receiver to the common channel, thereby enabling a communication link between the remote receiver and the area.